

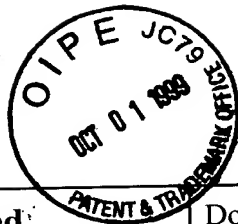


#4

Sheet 1 of 3

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>IBIS-0012</b>	Serial No. <b>09/310,667</b>
		Applicant <b>David J. Ecker et al.</b>	
		Filing Date <b>May 12, 1999</b>	Group <del>1643</del> <b>1645</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>W</i>	<b>AA</b>	Address et al., "Structure and Dynamics of the Iron Responsive Element RNA: Implications for Binding of the RNA by Iron Regulatory Binding Proteins", <i>J. Mol. Biol.</i> , <b>1997</b> , 274, 72-83	
	<b>AB</b>	Benson et al., "GenBank", <i>Nucl. Acids Res.</i> , <b>1998</b> , 26(1), 1-7	
	<b>AC</b>	Brown, J.W., "Phylogenetic analysis of RNA structure on the Macintosh computer", <i>CABIOS Commun.</i> , <b>1991</b> , 7(3), 391-393	
	<b>AD</b>	Gautheret et al., "Inferring the conformation of RNA base pairs and triples from patterns of sequence variation", <i>Nucl. Acids Res.</i> , <b>1997</b> , 25(8), 1559-1564	
	<b>AE</b>	Gautheret at al., "G · U base pairing motifs in ribosomal RNA", <i>RNA</i> , <b>1995</b> , 1, 807-814	
	<b>AF</b>	Gautheret et al., "Identification of Base-triples in RNA using Comparative Sequence Analysis", <i>J. Mol. Biol.</i> , <b>1995</b> , 248, 27-43	
	<b>AG</b>	Gdaniec et al., "Iron Regulatory Element and Internal Loop/Bulge Structure for Ferritin mRNA Studied by Cobalt(III) Hexamine Binding, Molecular Modeling, and NMR Spectroscopy", <i>Biochem.</i> , <b>1998</b> , 37, 1505-1512	
	<b>AH</b>	Gutell, "Collection of small subunit (16S- and 16S-like) ribosomal RNA structures: 1994", <i>Nucl. Acids Res.</i> , <b>1994</b> , 22(17), 3502-3507	
	<b>AI</b>	Gutell, "Collection of small subunit (16S- and 16S-like) ribosomal RNA structures", <i>Nucl. Acids Res.</i> , <b>1993</b> , 21(13), 3051-3054	
	<b>AJ</b>	Gutell, "A compilation of large subunit (23S and 23S-like) ribosomal RNA structures: 1993", <i>Nucl. Acids Res.</i> , <b>1993</b> , 21(13), 3055-3074	
*	<b>AK</b>	Gutell et al., "Comparative Sequence Analysis of Experiments Performed During Evolution", In Ribosomal RNA Group I Introns, Green (ed.), Austin: Landes, <b>1996</b>	
	<b>AL</b>	Laferriere et al., "An RNA pattern matching program with enhanced performance and portability", <i>Comput. Appl. Biosci.</i> , <b>1994</b> , 10(2), 211-212	
<i>W</i>	<b>AM</b>	Lodmell et al., "Genetic and comparative analyses reveal an alternative secondary structure in the region of nt 912 <i>Escherichia coli</i> 16S rRNA", <i>Proc. Natl. Acad. Sci. USA</i> , <b>1995</b> , 92, 10555-10559	
<b>EXAMINER</b> <i>Wille W</i>		<b>DATE CONSIDERED</b> <i>4/28/2000</i>	

\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**IBIS-0012**

Serial No.  
**09/310,667**

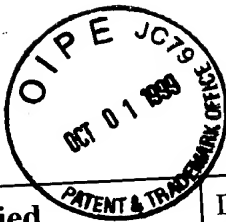
Applicant  
**David J. Ecker et al.**

Filing Date  
**May 12, 1999**

Group  
**1643**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>22</i>	<b>AN</b>	Sutton et al., "TIGR Assembler: A New Tool for Assembling Large Shotgun Sequencing Projects", <i>Genome Science &amp; Tech.</i> , <b>1995</b> , 1(1), 9-19
✓	<b>AO</b>	Thompson et al., "CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice", <i>Nucl. Acids Res.</i> , <b>1994</b> , 22(22), 4673-4680
	<b>AP</b>	Woese et al., "Evidence for several higher order structural elements in ribosomal RNA", <i>Proc. Natl. Acad. Sci. USA</i> , <b>1989</b> , 86, 3119-3122
	<b>AQ</b>	Woese et al., "Secondary structure model for bacterial 16S ribosomal RNA: phylogenetic, enzymatic and chemical evidence", <i>Nucl. Acids Res.</i> , <b>1980</b> , 8(10), 2275-2293
	<b>AR</b>	Casey et al., "Iron-Responsive Elements: Regulatory RNA Sequences that Control mRNA Levels and Translation," <i>Science</i> , <b>1988</b> , 240, 924-928
✓	<b>AS</b>	Duret et al., "HOVERGEN: a database of homologous vertebrate genes," <i>Nucl. Acids Res.</i> , <b>1994</b> , 22(12), 2360-2365
	<b>AT</b>	Grens et al., "The 5'- and 3'-Untranslated Regions of Ornithine Decarboxylase mRNA Affect the Translational Efficiency," <i>J. Biol. Chem.</i> , <b>1990</b> , 265(20), 11810-11816
	<b>AU</b>	Griffey et al., "Detection of base pair mismatches in duplex DNA and RNA oligonucleotides using electrospray mass spectrometry", <i>Proc. SPIE-Int. Soc. Opt. Eng.</i> , <b>1997</b> , 2985, 82-86
	<b>AV</b>	Martin, F. et al., "The gene for histone RNA hairpin binding protein is located on human chromosome 4 and encodes a novel type of RNA binding protein," <i>EMBO J.</i> , <b>1997</b> , 16(4), 769-778
	<b>AW</b>	Owen et al., "Noncoding 3' sequences of the transferrin receptor gene are required for mRNA regulation by iron," <i>EMBO J.</i> , <b>1987</b> , 6(5), 1287-1293
	<b>AX</b>	Son, "The Structure and Regulation of Histone Genes," <i>Saenghwahak Nyusu</i> , <b>1993</b> , 13(2), 64-70
✓	<b>AY</b>	Zehner et al., "RNA-protein interactions within the 3' untranslated region of vimentin mRNA," <i>Nucl. Acids Res.</i> , <b>1997</b> , 25(16), 3362-3370
<b>EXAMINER</b> <i>Trak in</i>		<b>DATE CONSIDERED</b> <i>4/28/2000</i>



Sheet 3 of 3

**Form PTO-1449 Modified**List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)U.S. Department of Commerce  
Patent and Trademark OfficeDocket No.  
**IBIS-0012**Serial No.  
**09/310,667**Applicant  
**David J. Ecker et al.**Filing Date  
**May 12, 1999**

Group

**1643 1655****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
* <i>W</i>	<b>AZ</b>	09/076,206	05/12/98	Crooke et al.		
*	<b>BA</b>	09/076,214	05/12/98	Griffey et al.		
*	<b>BB</b>	09/076,404	05/12/98	Ecker et al.		
*	<b>BC</b>	09/076,405	05/12/98	Griffey et al.		
*	<b>BD</b>	09/076,440	05/12/98	Ecker et al.		
*	<b>BE</b>	09/076,447	05/12/98	Griffey et al.		

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
<b>EXAMINER</b> <i>Trink</i>				<b>DATE CONSIDERED</b> <i>4/28/2000</i>		

\*Pursuant to 37 C.F.R. 1.98(a)(2)(iii), no copy of a U.S. patent application need be included with an Information Disclosure Statement filed under 37 C.F.R. 1.97.

11

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**IBIS-0012**

Serial No.  
**09/310,667**

Applicant  
**David J. Ecker et al.**

Filing Date  
**May 12, 1999**

Group  
**1655**

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>W</i>	AD	5,885,834	03/23/99	Epstein	435	375
<i>W</i>	AE	5,977,311	11/02/99	Nandabalan et al.	530	358

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation YES NO	

**EXAMINER***Wick***DATE CONSIDERED***4/28/2000*